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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/748,419 | 12/26/2000 | Thomas A. Hoch | 2-2-2-2-2 | 4466 |
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22046 7590 12/13/2005

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| EXAMINER |
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ELALLAM, AHMED

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| ART UNIT | PAPER NUMBER |
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2668

DATE MAILED: 12/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

*Supplemental*  
**Notice of Allowability**

Application No.

09/748,419

Examiner

AHMED ELALLAM

Applicant(s)

HOCH ET AL.

Art Unit

2668

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Telephone Interview on Friday 09, 2005.
2. ☒ The allowed claim(s) is/are 1-4, 6-16, 18-25 respectively renumbered 1-3, 8-10, 4, 5, 11, 6, 7, 12-14, 19-21, 15, 16, 22, 23, 17 and 18.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 12/09/2005.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

**HANH NGUYEN**  
**PRIMARY EXAMINER**

*HNguyen*

### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Attorney John Ligon on Friday, December 09, 2005.

The application has been amended as follows:

#### **In the specification:**

On page 1, in the paragraph under title RELATED APPLICATION, the following have been made:

The phrase "(chidambaran 1-1-1-1-1-1)" has been deleted.

The term "2000.", has been changed to --2000, now U.S. Patent Number 6,894, 969.--

On page 5, the numeral character "13" on lines 4, 6, 9, has been changed to --20--

On page 7, line 10, the word "Egress" has been changed to --Ingress--

#### **In the claims:**

Claims 1 and 13 have been amended as indicated in the attached paper.

**In the Drawings:**

The drawing of figure 4 has been changed to the figure 4 attached herewith.

**REASONS FOR ALLOWANCE**

2. The following is an examiner's statement of reasons for allowance:

The prior art of records, Jones et al, US (6,067,286), fail to teach or suggest the followings:

A method/ apparatus in which a multi-service packet based switch including redundant switching cores, comprising (inter alias):

providing a plurality of ingress and egress communications traffic flow controllers, each of the ingress flow controllers directing one or more threads of the communications traffic over one or another of the redundant switching cores,

detecting a failure in one of communication flow paths at an egress flow controller in failed flow path traversing the egress the ingress controller one of the cores and the egress controller, wherein the egress flow controller in the failed flow path operates to detect the path failure and to effect switching of the failed flow path to a protection path independently of communication with a corresponding ingress flow controller, the path switching being thereby transparent to the corresponding ingress flow controller, as indicated in independent claims 1 and 13.

3. Any comments considered necessary by applicant must be submitted no later

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than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to AHMED ELALLAM whose telephone number is (571) 272-3097. The examiner can normally be reached on 9-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chieh Fan can be reached on (571) 272-3042. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AHMED ELALLAM  
Examiner  
Art Unit 2668  
12/09/05

  
HANH NGUYEN  
PRIMARY EXAMINER